

RN 74227-35-3 REGISTRY

ED Entered STN: 16 Nov 1984

CN Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, bis[hexafluorophosphate(1-)] (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phosphate(1-), hexafluoro-, (thiodi-4,1-phenylene)bis[diphenylsulfonium] (2:1)

OTHER NAMES:

CN Adeka Optomer SP 55

CN Bis[4-(diphenylsulfonio)phenyl] sulfide bis(hexafluorophosphate)

CN Bis[4-(diphenylsulfonium)phenyl] sulfide bis(hexafluorophosphate)

CN Degacure KI 85

CN Degacure KI 85B

CN KI 85

CN SP 55

DR 96726-69-1

MF C36 H28 S3 . 2 F6 P

LC STN Files: BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, PROMT, TOXCENTER, USPAT2, USPATFULL

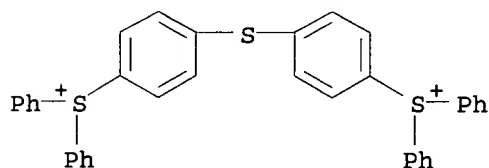
Other Sources: NDSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 74227-34-2

CMF C36 H28 S3



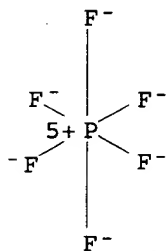
mixed in UVI 6990

CM 2

CRN 16919-18-9

CMF F6 P

CCI CCS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

118 REFERENCES IN FILE CA (1907 TO DATE)

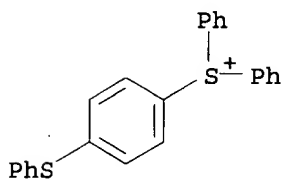
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

118 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 75482-18-7 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Sulfonium, diphenyl[4-(phenylthio)phenyl]-, hexafluorophosphate(1-) (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Phosphate(1-), hexafluoro-, diphenyl[4-(phenylthio)phenyl]sulfonium  
 OTHER NAMES:  
 CN Adeka Optomer SP 52  
 CN Daicat 11  
 CN Diphenyl(p-phenylthiophenyl)sulfonium hexafluorophosphate  
 CN Diphenyl-4-thiophenoxyphenylsulfonium hexafluorophosphate  
 CN DTS 102  
 CN FX 512  
 CN OMPH 076  
 CN [4-(Phenylthio)phenyl]diphenyl sulfonium hexafluorophosphate  
 DR 223714-53-2  
 MF C24 H19 S2 . F6 P  
 LC STN Files: CA, CAPLUS, CASREACT, CHEMLIST, CSCHM, TOXCENTER, USPAT2,  
 USPATFULL

CM 1

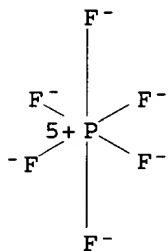
CRN 47480-44-4  
 CMF C24 H19 S2



Declaration I 3/3/03  
 page 3, Added Example 1

CM 2

CRN 16919-18-9  
 CMF F6 P  
 CCI CCS



109 REFERENCES IN FILE CA (1907 TO DATE)  
 109 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 104558-94-3 REGISTRY  
ED Entered STN: 04 Oct 1986  
CN Cyracure UVI 6974 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Cyracure 6974  
CN UVI 6974

ENTE An arylsulfonium hexafluoroantimonate photoinitiator; a mixture of  
4-(phenylthio)phenyl-diphenylsulfonium 2SbF<sub>6</sub> and 4-  
thiophenyldiphenylsulfonium SbF<sub>6</sub> (Union Carbide)

MF Unspecified

CI PMS, MAN

PCT Manual registration

SR CA

LC STN Files: CA, CAPLUS, PIRA, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

230 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

230 REFERENCES IN FILE CAPLUS (1907 TO DATE)

Declaration I (3/3/03)

pages 2-3, Added Examples 3

Added Comparative Example 2

Buchwalter et al.

col. 9, Example 1, line 55

RN 104558-95-4 REGISTRY  
ED Entered STN: 04 Oct 1986  
CN Cyracure UVI 6990 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Cyracure 6990  
CN UV 16990  
CN UVI 6990  
DR 232591-76-3  
ENTE A triaryl sulfonium salt; also described as Ph3S.F6P; also as a mixt of  
74227-35-3 and 75482-18-7 (again 11/20/00); also as triphenyldisulfonium  
F6P Daicel II  
MF Unspecified  
CI PMS, COM, MAN  
PCT Manual registration  
SR CA  
LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

281 REFERENCES IN FILE CA (1907 TO DATE)  
281 REFERENCES IN FILE CAPLUS (1907 TO DATE)

Starkey

col. 21, Example 2, lines 65-66